

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application
Inventor(s): Jeffrey W. Carr
Application No.: Unassigned
Confirm. No.: Unassigned
Filed: Concurrently herewith
Title: APPARATUS AND METHOD FOR
REACTIVE ATOM PLASMA PROCESSING
FOR MATERIAL DEPOSITION

PATENT APPLICATION

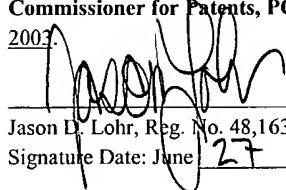
Art Unit: Unassigned
Examiner: Unassigned

Customer No. 23910

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to
Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on June 27,

2003.


(Attorney Signature)

Jason D. Lohr, Reg. No. 48,163

Signature Date: June 27, 2003

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

Enclosed with this statement are the following:

- Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- A copy of each cited document as required by 37 C.F.R. §1.98. Copies are not submitted of documents previously submitted by the applicant in a parent application from which benefit under 35 U.S.C. §120 is claimed, 37 C.F.R. §1.98(d)(1), with an information disclosure statement submitted in the parent application which complies with the Sept. 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c). If any of the cited/submitted documents is in a foreign language, a concise explanation of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a

concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

— **PTA Statement under 37 C.F.R. §1.704(d).** Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the information disclosure statement.

This statement should be considered because:

✓ **37 C.F.R. §1.97(b).** This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

— **37 C.F.R. §1.97(c).** Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL office action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.

— -- AND (*check at least one of the following*) --

- (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).
-- OR --
- (2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

— **37 C.F.R. §1.97(d).** Although it may not qualify under subsection (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:

- (1) It is being filed on or before payment of the issue fee;
-- AND --
- (2) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e);
-- AND --
- (3) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

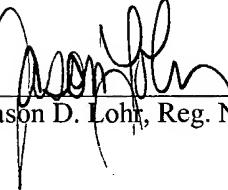
✓ **Fee Authorization.** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

FLIESLER DUBB MEYER & LOVEJOY LLP

Date: June 27, 2003

By:


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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE <i>(Substitute)</i> PATENT AND TRADEMARK OFFICE				Attorney Docket Number CARR-01000US4	Serial/Patent Number Unassigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>				Applicant/Patent Owner Jeffrey W. Carr	
				Filing/Issue Date Concurrently herewith	Group Art Unit Unassigned

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Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	1	6,245,202 B1	Jun. 12, 2001	Edamura	204	298.06	Aug. 18, 1999
	2	6,239,553 B1	May 29, 2001	Barnes	315	111.51	Apr. 22, 1999
	3	6,239,004 B1	May 29, 2001	Aga	438	455	Aug. 18, 1998
	4	6,238,587 B1	May 29, 2001	Siniaguine	216	59	Nov. 25, 1998
	5	6,228,330 B1	May 8, 2001	Herrmann	422	186.05	Jun. 8, 1999
	6	6,218,640 B1	Apr. 17, 2001	Selitser	219	121.52	Jul. 19, 1999
	7	6,214,161 B1	Apr. 10, 2001	Becker	156	345	Aug. 6, 1998
	8	6,209,480 B1	Apr. 3, 2001	Moslehi	118	723 I	Jul. 10, 1996
	9	6,207,924 B1	Mar. 27, 2001	Trassy	219	121.52	Feb. 16, 2000
	10	6,203,661 B1	Mar. 20, 2001	Siniaguine	156	345	Dec. 7, 1999
	11	6,200,908 B1	Mar. 13, 2001	Vandamme	438	719	Aug. 4, 1999
	12	6,194,036 B1	Feb. 27, 2001	Babayan	427	563	Oct. 20, 1998
	13	6,170,428 B1	Jan. 9, 2001	Redeker	118	723 I	Jul. 15, 1996
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	17	6,105,534	Aug. 22, 2000	Siniaguine	118	723 EB	Nov. 25, 1998
	18	6,093,655	Jul. 25, 2000	Donohoe	438	717	Feb. 12, 1998

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	22	6,068,784	May 30, 2000	Collins	216	68	Apr. 1, 1993
	23	6,056,848	May 2, 2000	Daviet	156	345	Sept. 10, 1997
	24	6,040,548	Mar. 21, 2000	Siniaguine	219	121.48	Nov. 25, 1998
	25	6,030,489	Feb. 29, 2000	Hwang	156	345	Jul. 1, 1999
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	28	6,004,866	Dec. 21, 1999	Nakano	438	459	Feb. 28, 1997
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	34	5,942,445	Aug. 24, 1999	Kato	438	691	Mar. 25, 1997
	35	5,897,712	Apr. 27, 1999	Hanawa	216	68	Jul. 16, 1996
	36	5,877,471	Mar. 2, 1999	Huhn	219	121.49	Jun. 11, 1997
	37	5,863,829	Jan. 26, 1999	Nakayoshi	438	459	Nov. 13, 1996
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	46	5,563,709	Oct. 8, 1996	Poultney	356	371	Sept. 13, 1994
	47	5,430,355	Jul. 4, 1995	Paranjpe	315	111.21	Jul. 30, 1993
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	50	5,386,119	Jan. 31, 1995	Ledger	250	341.1	Mar. 25, 1993
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Examiner Initial		Patent Application Publication Number	Publication Date	Applicant

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans-lation Yes No
		<u>DE 199 25 790 A 1</u>	<u>Dec. 7, 2000</u>	<u>Germany</u>	<u>H01</u>	<u>J37</u>	<u>X</u>

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

<u>1.</u>	<u>C.B. Zarowin, et al. "Rapid-Non-Contact, Damage Free Shaping Of Optical & Other Surfaces With Plasma Assisted Chemical Etching, 43rd Annual Symposium on Frequency Control", 1989, Pages 623-626.</u>

<u>Examiner</u>	<u>Date Considered</u>
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*1 = Copy not submitted because it was submitted in prior application SN 10/008,236, filed 11/7/2001, relied on under 35 USC §120.

*2 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.